

CLAIMS

The invention claimed is:

- Sub
A1 10
1. A server for transmitting stored data to a network, comprising:
a transmit buffer for transmitting the stored data to the network;
a network bandwidth monitor for monitoring a bandwidth of the network; and
a transcoder for transcoding the stored data if the monitored bandwidth is less than a first preset value.
 2. The server of claim 1, wherein the monitoring means includes
15 a control unit for activating the transcoder when the monitored bandwidth is less than the first preset value.
 3. The server of claim 1, further comprising:
a redundancy encoder for redundancy encoding the transcoded data if the
20 monitored bandwidth is less than a second preset value.
 4. The server of claim 3, wherein the monitoring means includes
a control unit for activating the redundancy encoder when the monitored
bandwidth is less than the second preset value.
 - 25 5. The server of claim 4, wherein the first preset value equals the second preset value.
 6. A server for transmitting data to a network, comprising:
30 transmitting means for transmitting the data to the network;
monitoring means for monitoring a bandwidth of the network;
transcoding means for transcoding the data if the monitored bandwidth is less than a first preset value; and
redundancy encoding means for redundancy encoding the transcoded data
35 prior to transmission if the monitored bandwidth is less than a second preset value.
 7. The server of claim 6, wherein the first preset value equals the second preset value.

5

8. The server of claim 6, further comprising:
a control unit for activating the transcoding means when the monitored
bandwidth is less than the first preset value and for activating the redundancy
encoding means when the monitored bandwidth is less than the second preset value.

10

9. The server of claim 8, wherein the first preset value equals the second preset
value.

15

10. An article comprising: a storage medium, said storage medium having stored
thereon instructions for a server to transmit a portion of streaming media to a network,
that, when executed by a computing device, result in:

20

transmitting the portion to the network;
monitoring a bandwidth of the network; and
transcoding the portion prior to transmitting if the monitored bandwidth is less
than a first preset value.

25

11. The article of claim 10, further comprising:
activating a transcoder when the monitored bandwidth is less than the first
preset value.

12. The article of claim 10, further comprising:
redundancy encoding the transcoded portion if the monitored bandwidth is less
than a second preset value.

30

13. The article of claim 10, further comprising:
activating a redundancy encoder when the monitored bandwidth is less than
the second preset value.

35

14. A method for a server to transmit a portion of streaming media to a network
comprising:
transmitting the portion to the network;
monitoring a bandwidth of the network; and

5 transcoding the portion prior to transmitting if the monitored bandwidth is less than a first preset value.

15. The method of claim 14, further comprising:
activating a transcoder when the monitored bandwidth is less than the first
10 preset value.

16. The method of claim 14, further comprising:
redundancy encoding the transcoded portion if the monitored bandwidth is less
than a second preset value.

15 17. The method of claim 14, further comprising:
activating a redundancy encoder when the monitored bandwidth is less than
the second preset value.

ADD A2